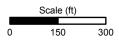




- Existing bedrock wells
- Field evidence of NAPL based on visual inspection of cores and/or vial test kit results. Total VOCs ≥ 1 mg/kg and/or total SVOCs ≥ 1 mg/kg.
- Field evidence of NAPL based on visual inspection of cores and/or vial test kit results. Total VOCs < 1 mg/kg and total SVOCs < 1 mg/kg.
- No field evidence of NAPL based on visual inspection of cores or vial test kit results.

## Notes:

- The vial test kits contained Sudan IV dye, which is soluble in DNAPL and petroleum and stains DNAPL and petroleum products red. Each test kits also contained a small bead of polystyrene, which will develop a pink halo or hue in the presence of TPH at concentrations exceeding approximately 500 mg/kg.
- 2) Vial test results for a soil sample were considered as evidence for the presence of NAPL if: i) a layer of LNAPL or DNAPL was observed in the vial; ii) red spots or staining were noted in the vial; or iii) the polystyrene ball in the vial was observed to have a pink halo or hue.
- Results of soil core inspection and testing for borings A1-1 through A1-18 are documented in the DNAPL Characterization and Remediation Report.





## SOURCE WIDTH IN MIDDLE AND DEEP HYDROGEOLOGIC UNITS

Remedial Investigation Report

Sauget Area 1 Sauget and Cahokia, Illinois

Scale:	As Shown	Figure 6-45	
Revised:		Aprv'd:	JAK
ssued:	25-May-12	Chk'd By:	JAK
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